

Activity:

The aim of this activity is for children to practise using scale factors. There are three questions to complete. The first two questions allow children to practise the skill, while the third question extends them as they have to problem solve and explain their answer.

Vocabulary:

We use the term **Scale factor** when enlarging the size of a 2D shape. For example, if a rectangle has the measurements 4cm and 3cm and it is enlarged by a scale factor of 2, the new measures will be 8cm and 6cm.

Supporting resources:

You can watch a video tutorial about using scale factors on kids.classroomsecrets.co.uk >> **Year 6** >> **Maths** >> **Ratio** >> **Video Tutorials**.

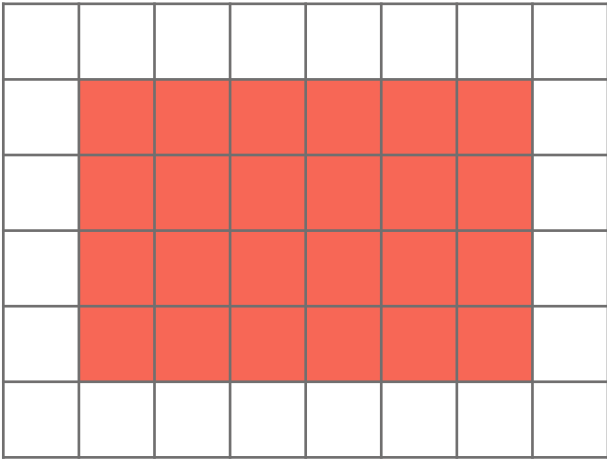
Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on classroomsecrets.co.uk/membership.

Check out our daily timetable for Year 6 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

Using Scale Factors

1. False. It has not been enlarged by a scale factor as the width has been doubled, but the height quadrupled.
2. Accept a rectangle that has a width of 6cm and a height of 4cm. For example:



3. A: 2.2cm, B: 4.1cm, C: 3.2cm